YAMAHA

RX-V461

5.1-Channel Digital Home Theater Receiver

NEW PRODUCT BULLETIN

Amazing combination of performance, features and flexibility for this class of receiver, with Yamaha's new SCENE, YPAO sound optimization and iPod compatibility .

Ti Brilliant Audio: Titanium

DOLBY DIGITAL PRO LOGIC II | dts Digital Surround | 6CH EXT. INPUT | CINEMA DSP DIGITAL | SILENT CINEMA | compressed music ENHANCER | SCENE | YPAO

1 Advanced Features

- 4 SCENE buttons offering easier operation
- iPod compatibility via optional Yamaha YDS-10
- iPod song titles displayed on front panel and OSD
- YPAO for automatically optimizing the sound in your room
- On-screen display
- Front panel mini jack for portable audio players

2 High Sound Quality

- 5-channel, 675W powerful surround sound (135W x 5, Max)
- Direct Stereo for high quality 2-channel sound reproduction
- 192kHz/24-bit DACs for all channels

3 High Picture Quality

- 3 HDTV-compatible component video inputs
- Wide-range video bandwidth (60MHz -3 dB, component video)

4 Surround Realism

- 8 DSP programs: 3 HiFi DSP and 5 CINEMA DSP programs
- Compressed Music Enhancer
- Night Listening Enhancer (Cinema/Music) and SILENT CINEMA
- Dolby Digital, DTS and Dolby Pro Logic II decoding
- Audio Delay for adjusting lip-sync (0–160ms)

8 DSP Programs	
Compatible Decoder Straight	
	Dolby Digital
	DTS Digital Surround
	Dolby Pro Logic
	Dolby Pro Logic II Music
	Dolby Pro Logic II Movie
	Dolby Pro Logic II Game
HiFi DSP Programs	
MUSIC	Hall
	Jazz
STEREO	5 Channel Stereo
Program Subtotal	**3**
CINEMA DSP Programs	
ENTERTAINMENT	Game
	TV Sports
	Pop/Rock
MOVIE	Movie Spacious
	Movie Dramatic
Program Subtotal	**5**
Program Total	**8**

●: HiFi DSP Programs ●: CINEMA DSP Programs

d-cinema Yamaha takes cinema digital

"d-cinema" is the slogan of Yamaha A/V products and technology, reflecting our focus on digital technology and our leadership in creating and refining digital home theater.

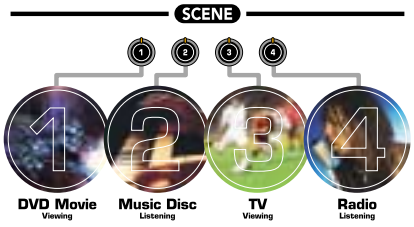
Gold finish available in some areas.

RX-V461 5.1-Channel Digital Home Theater Receiver

Advanced Features

SCENE — A New Level of Operating Ease

Four SCENE buttons make operating the receiver easier than ever. They are initially set to default settings for DVD Movie Viewing, Music Disc Listening, TV Viewing and Radio Listening. Pressing a SCENE button automatically launches a number of operations that initiate play of the source controlled by that button. Other SCENE settings are also available, such as iPod Listening, TV Sports Viewing and Action Game Playing. Browsing and selecting the settings from among 15 SCENE templates is quickly done by rotating the Input knob and watching the on-screen display. The settings can be selected for one-time use, or to replace the original default settings. The SCENE names can be changed also.



YPAO Sound Optimization

The RX-V461 has a unique YPAO system that analyzes the acoustics of the room and adjusts various speaker parameters to provide the optimum sound at the listening position. It's like having a professional audio engineer tweak your system.

On-Screen Display

The receiver displays operating status, iPod operating commands and radio information (varies by area) on the screen. This is very convenient, because you can make the receiver settings while viewing the screen.

Front Panel Mini Jack

A mini jack on the front panel makes it convenient to connect portable audio players.

Initial Volume and Maximum Volume

Two new volume setting functions are including on this receiver for additional convenience. Initial Volume Setting allows you to set the volume level that will be heard each time the power is turned on. Maximum Volume Setting prevents unexpected loud sounds, for example if a young child turns the volume knob.

High Sound Quality

Direct Stereo

You can enjoy pure HiFi sound from 2-channel PCM and analog sources by the "Direct Stereo" mode which allows sources to bypass the decorders and DSP processors.

High Picture Quality

3 HDTV Compatible Component Video Input Terminals

Component Video inputs offer higher picture quality, for use with units such as DVD players that have Component Video output. The frequency response of the component video signal is 5Hz – 60MHz, making it compatible with HDTV (1080i/720p). Because we know that many people like to use several high quality video devices, we have given this receiver three component video inputs instead of the usual one or two. You can enjoy three different sources without having to change connections.

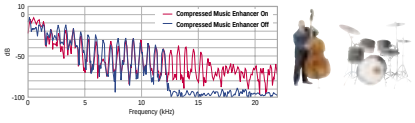
Surround Realism

8 DSP Programs: 3 HiFi DSP and 5 CINEMA DSP Programs

You have a choice of eight unique Yamaha DSP surround programs to bring out the full audio potential of your entertainment sources.

Compressed Music Enhancer

When music is encoded in a digital compressed format such as MP3, frequency response suffers in the high and low ranges. Yamaha employs sophisticated digital signal processing with exclusive algorithms, enabling faithful reproduction of the original music, for the excellent sound quality expected from top class receivers.



The Compressed Music Enhancer restores the original, live sound of your music, especially deep, strong sounds like bass and drums.

Night Listening Enhancer and SILENT CINEMA

The Night Listening Enhancer offers two modes, Cinema and Music, with three-level selectability, which will ensure that you don't miss movie dialogue or quiet passages, or lose overall surround spaciousness even during low volume listening late at night.

The SILENT CINEMA mode allows private listening enjoyment of multichannel music or movies, with an accurate simulation of surround sound, through ordinary headphones.

Other Notable Features

- 192kHz/24-bit DACs for all channels
- 6-channel external decoder input
- High dynamic power, low-impedance drive capability
- iPod song titles displayed in English and Western European languages ISO 8859-1 (Latin1) on the front panel and on-screen display
- Audio Delay for adjusting lip-sinc
- 3 HDTV compatible component video inputs
- Wide-range audio frequency response for DVD-Audio/Super Audio CD compatibility
- 9 selectable subwoofer crossover frequencies / Subwoofer phase select
- Front panel video aux terminals
- Dolby Digital, DTS and Dolby Pro Logic II decoding
- Virtual CINEMA DSP
- Preset remote unit
- Sleep timer
- 40-station preset tuning
- Auto preset tuning

Universal Dock for iPod

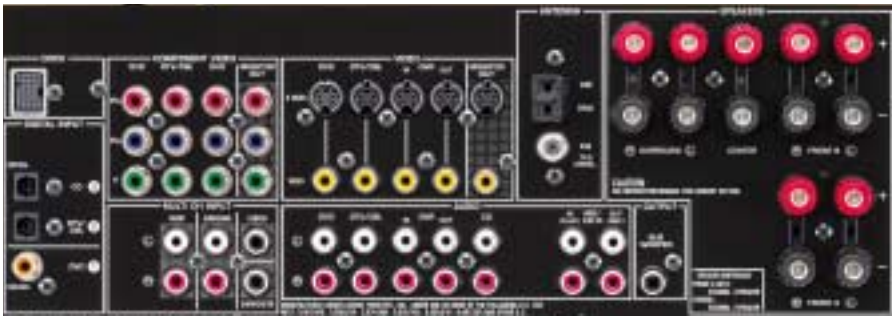
YDS-10

The optional YDS-10 Universal Dock lets you connect your iPod to this receiver. You can listen to your iPod music and watch iPod images and movies on your monitor via the receiver. You can also operate your iPod via the receiver's remote unit with the On-Screen Display and charge your iPod.

Made for iPod

Works with: iPod nano, iPod mini and iPod (Click/Wheel)

iPod not included



Inputs	Stereo Mini Jack*	1
	Dock Terminal for YDS-10	1
	Optical Digital (Fixed and Assignable)	2
	Coaxial Digital (Fixed and Assignable)	1
	S-Video	3
	Analog A/V / Audio*	4 / 2
	Component Video	3
	Multi-Channel External Decoder	6ch

* Including front panel Video Aux terminals.

Outputs	Analog A/V / Audio	1 / 1
	S-Video	1
	Component Video Monitor	1
	S-Video Monitor	1
	Composite Monitor	1
	Speaker (without subwoofer)	5ch /7 ter.
	Subwoofer	1

• Banana-plug compatible speaker terminals are available in some areas.

Main Specifications

Minimum RMS Output Power (8 ohms, 1 kHz, 0.9% THD)	
Front L/R Channels	100 W + 100 W
Center Channel	100 W
Surround L/R Channels	100 W + 100 W
Maximum Power (6 ohms, 1 kHz, 10% THD)	
Front L/R Channels	135 W
Center Channel	135 W
Surround L/R Channels	135 W
Dynamic Power (6/4/2 ohms)	105/135/165 W
Frequency Response	10 Hz—100 kHz +0, -3 dB
Total Harmonic Distortion (CD, Front Sp Out) (50 W/8 ohms)	0.06%
Signal-to-Noise Ratio (CD)	100 dB (250 mV)
Monitor Out Frequency Response Component Video Signal:	5 Hz—60 MHz -3 dB
Dimensions (W x H x D)	435 x 151 x 318 mm
Weight	8.1 kg

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